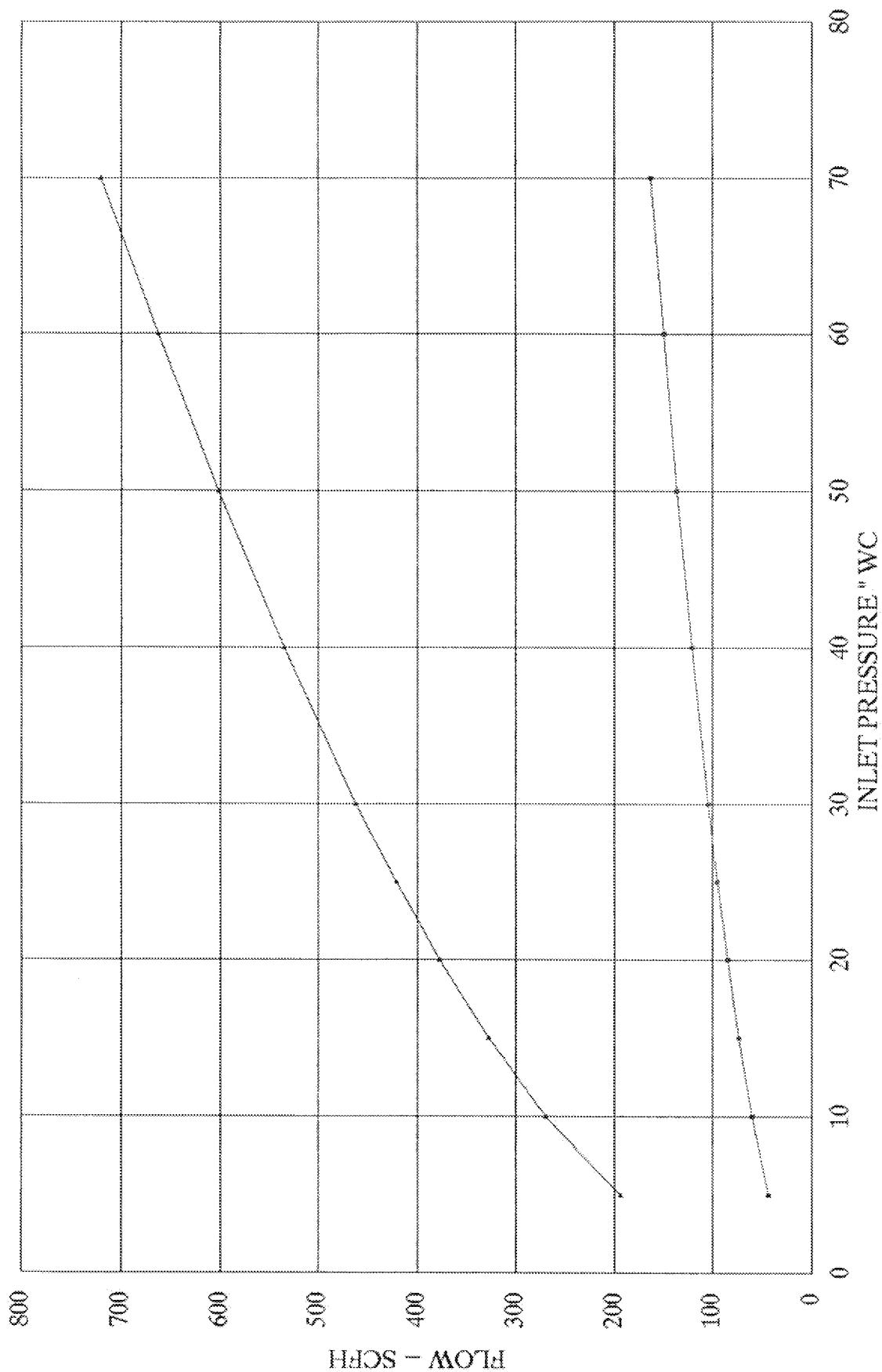


7.10 Pilot Gas and Air Flow for #33 Drill Nozzle

BATTERY FLARE STACK - PILOT GAS FLOW



PILOT GAS FLOW

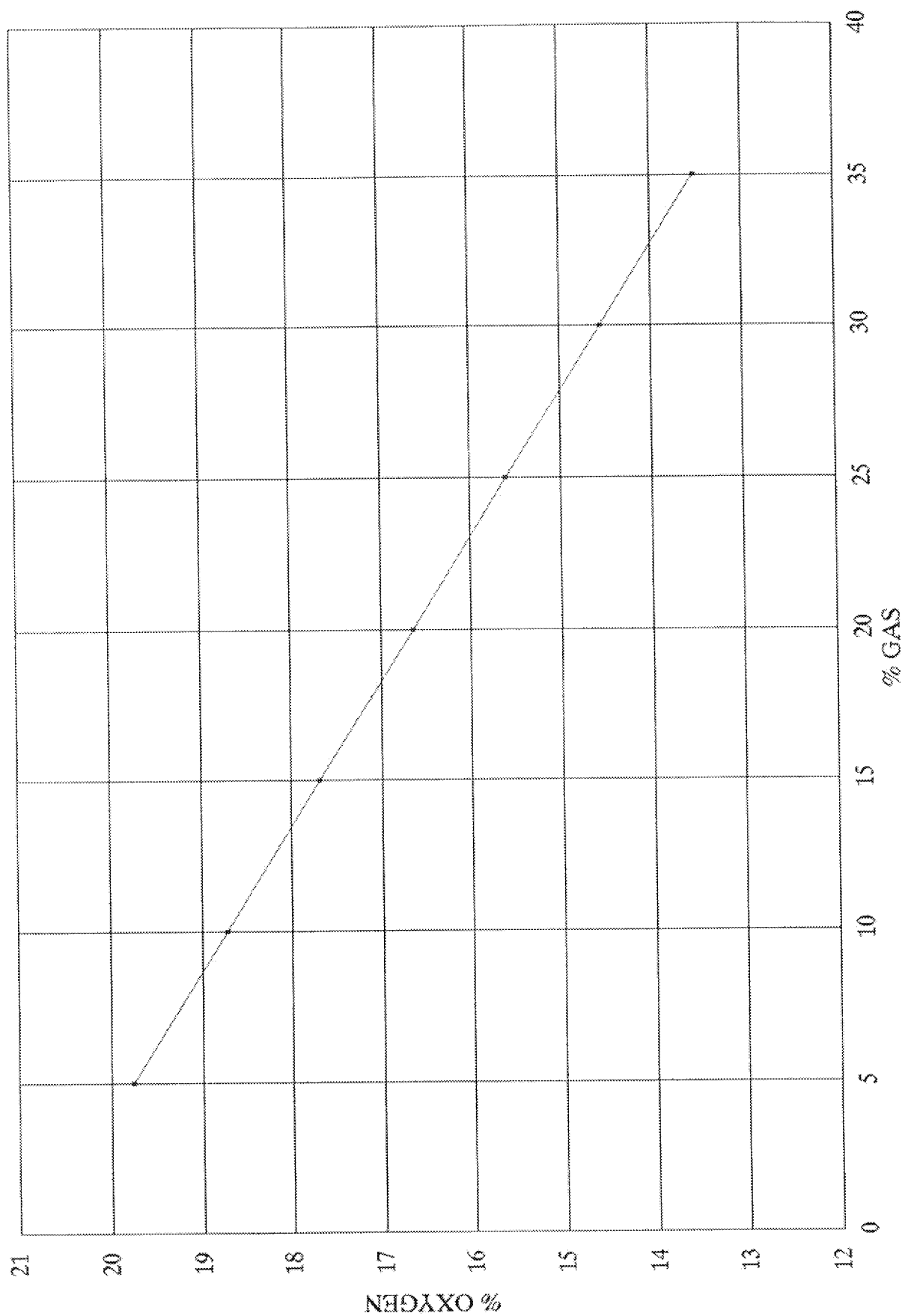
AIR FLOW REQ @ 5% EXCESS

FLM 3-30-95

BASIS: #33 DRILL HOLE IN GAS INLET (.113")

7.11 Determination of Volume % COG when % Oxygen is known.

OXYGEN IN PURE GAS MIXTURES WITH AIR



FLM 3-30-95 02= 17% WITH 5% EXCESS AIR
LEL FOR COG = 5% UEL FOR COG = 35%

7.12 Procedure for use of new Ignitor Box.

IGNITOR BOX PROCEDURE:

The indicator light on the charging unit will show that the portable power source is charged. Remove the unit from the charger and carry it to the receptacle panel at the flare where the pilot spark plugs are energized.

Test the portable power source by turning selector switch, to the off position.

Push the voltage level push button. A reading of approximately 24V on the meter indicates the batteries are fully charged.

Plug the cable from the ignitor box into the receptacle reserved for lighting the required pilot.

Turn the selector switch to the "Spark" position and depress the pushbutton for one or two seconds.

The spark plug will make a crackling noise within the pilot tube to indicate that the plug is working and a distinctive pop will be heard when the pilot lights.